

Newflex® Spiral Reinforced PVC Sucon Hose

Newflex reinforced suction hose is widely used throughout industry for both positive and negative pressure applications. Its advanced design allows the use of light-weight, corrosion-resistant PVC to replace bulkier and heavier ply-wrapped rubber hose.

Newflex series “FH” and “FHS” are clear, allowing the user to have full visual contact with the flow of material inside. The Food Grade lines are made from FDA-approved ingredients suitable for food and beverage handling. The smooth interior is easily sterilized and cleaned. Both types have a vacuum rating of 28 in./Hg.

Newflex series “VFH” is produced from a clear FDA core with an industrial grade white helix, which is not exposed to the hose. I.D. It can handle light-duty pressure discharge, gravity feed, and moderate vacuum applications.



KEY FEATURES

- 100% PVC construction
- Spiral reinforcement made from rigid PVC to resist impact, crushing, and kinking
- Lighter than ply-wrapped rubber and other similar hoses
- Available in Food or Industrial Grades
- Food Grade made from non-toxic ingredients conforming to FDA and 3A standards
- Smooth interior produces low friction loss permitting maximum flow

Newflex FH-Standard duty-Clear, Convoluted O.D.

Part No.	ID	OD	W.P. at 70°F	B.P. at 70°F	Vac. Rate	Bend Radius	Lbs. per 100
Food Grade	(in.)	(in.)	(psi)	(psi)	(in/Hg.)	(in.)	(ft.)
120 0101	1	1¼	60	180	28	2	19
120 0178	1¼	1⅝	50	150	28	3	29
120 0255	1½	1 13/16	50	150	28	3	34
120 0332	1¾	2 3/32	45	135	28	4	40
120 0409	2	2⅝	45	135	28	4	50
120 0486	2¼	2⅞	40	120	28	5	55
120 0563	2½	2 15/16	40	120	28	6	77
120 0640	3	3 7/16	35	105	28	8	102
120 0717	4	4 9/16	35	105	28	10	164

Standard coil length is 100 ft. Add length suffix to part number when ordering. Example: 100 ft. of 1-1/4" I.D. x 1-5/8" O.D. hose is part number 120 0178-100. Cut coils available; charges apply — call for details.

BOLD indicates the critical dimension for fittings application.

Newflex FHS-Heavy duty-Clear or Clear with white helix, Smooth O.D.

Part No.	Part No.	ID	OD	W.P. at 70°F	B.P. at 70°F	Vac. Rate	Bend Radius	Lbs. per 100
Food Grade	Industrial Grade	(in.)	(in.)	(psi)	(psi)	(in./hg.)	(in.)	(ft.)
121 0181	123 0180	3/4	15/16	105	315	28	3	20
121 0258	123 0257	1	1¼	100	300	28	3	27
121 0335	123 0334	1¼	1½	95	285	28	3	30
121 0412	123 0411	1½	113/16	85	255	28	4	40
121 0489	123 0488	2	2¾	80	240	28	5	60
121 0566	123 0565	2½	2¾	75	225	28	7	85
121 0643	123 0642	3	37/16	65	195	28	8	115
121 0797	123 0796	4	4½	50	150	28	10	175

Food Grade is all Clear Industrial Grade has a White Helix.
 Standard coil length is 100 ft. Add length suffix to part number when ordering. Example: 100 ft. of 3/4" I.D. x 15/16" O.D. Food Grade hose is part number 121 0181-100. Cut coils available; charges apply — call for details.
 BOLD indicates the critical dimension for fittings application.

Newflex VFH-Light duty-Clear with White Helix, Convoluted O.D.

Part No.	ID	OD	Vac. Rate	Bend Radius	Lbs. per 100
	(in.)	(in.)	(in/Hg.)	(in.)	(ft.)
124 0176	3/8	.570	24	1/2	5
124 0253	1/2	.700	24	1/2	6
124 0330	5/8	.830	24	5/8	8
124 0407	3/4	.965	24	3/4	10
124 0484	1	1¼	24	1	14
124 0561	1¼	1½	22	1	15
124 0638	1½	1 13/16	20	2	20
124 0715	2	2¾	18	2	34

This series has no positive pressure ratings. Increasing pressure will cause the hose to elongate and expand. If pressure is a concern, in-plant testing is advised. Standard coil length is 100 ft. Add length suffix to part number when ordering. Example: 100 ft. of 3/8" I.D. x .570" O.D. hose is part number 124 0176-100. Cut coils are available; charges apply — call for details.
 BOLD indicates the critical dimension for fittings application.